

SOMAH Data Set Read Me

The SOMAH Data Set incorporates all incentive applications from the Solar on Multifamily Affordable Housing (SOMAH) program within PG&E, SCE, SDG&E, PacifiCorp, and Liberty utility service territories. The SOMAH Working Data Set includes data associated with each waitlisted, pending, installed, or cancelled project. Reported data includes, but is not limited to, application data, contractor information, incentive amounts, and Solar PV system specifications.

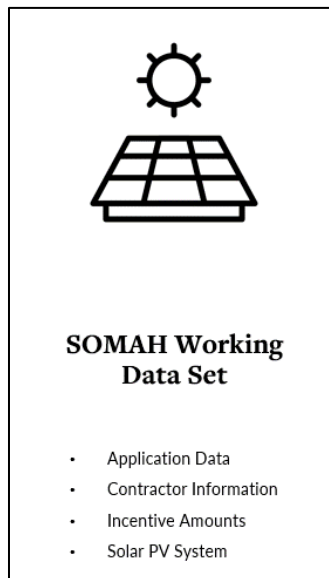


Figure 1 SOMAH Working Data Set

Program Background

The Solar on Multifamily Affordable Housing (SOMAH) program is overseen by the California Public Utilities Commission (CPUC or Commission) and provides solar incentives to qualifying affordable housing within the service territories of Pacific Gas & Electric Company (PG&E), Southern California Edison Company (SCE), San Diego Gas & Electric (SDG&E), Liberties Utilities Company (Liberty), and PacifiCorp (collectively, the Investor-Owned Utilities, or IOUs). It is jointly administered by the Association for Energy Affordability, Center for Sustainable Energy, and GRID Alternatives, in collaboration with California Housing Partnership Corporation and Rising Sun Energy Center. Funded through greenhouse gas allowance auction proceeds, SOMAH has a program budget of up to \$100 million annually and an overall target to install 300 megawatts of generating capacity by 2030.

Legislative and Regulatory Background: Assembly Bill (AB) 693 (Eggman), Stats 2015, Chapter 582 created the Multifamily Affordable Housing Solar Roofs Program, funded at up to \$100 million annually from the investor-owned utilities' share of greenhouse gas (GHG) auction proceeds. Senate Bill (SB) 92, adopted with the 2017-2018 State Budget, further clarified the budget for the program. Decision 17-12-022 (December 14, 2017) implemented AB 693 and changed the name of the program to the Solar on Multifamily Affordable Housing (SOMAH).

program to distinguish it from other state clean energy and low-income solar programs. Decision 17-12-022 established the program's budget, incentive structure and eligibility policies, among other items.



Figure 2 SOMAH Program Rollout Timeline

SOMAH Program Goals: The SOMAH program is statutorily mandated to provide incentives for the installation and interconnection of at least 300 MW CEC-AC of solar generating capacity on qualified multifamily affordable housing statewide by December 31, 2030. All projects are required to provide direct tenant economic benefits and be primarily constructed for the benefit of tenants. The program includes specific eligibility for projects sited in disadvantaged communities, as identified by CalEPA and the CalEnviroScreen. There are also program requirements around energy efficiency and workforce development, including job training and local hiring. A third-party, Commission-directed program evaluation is planned in the year 2020 to assess program progress and impact.

SOMAH Data Set Updates

The format of the SOMAH Data Set may be updated periodically by the SOMAH Program Administrator. Please see below for an ongoing list of updates and the effective date of modification. Please reference the “Data Key” document for a complete list of current SOMAH Data Set fields and their definitions.

Field Added	Field Removed	Effective Date
<ul style="list-style-type: none"> • Application Submission Date 	<ul style="list-style-type: none"> • N/A 	<ul style="list-style-type: none"> • 11/15/2022
<ul style="list-style-type: none"> • Progress Payment Opt In • Progress Payment Amount 	<ul style="list-style-type: none"> • Reserved Incentive Amount 	<ul style="list-style-type: none"> • 3/9/2021
<ul style="list-style-type: none"> • Annual Estimated Production (kWh) 	<ul style="list-style-type: none"> • Common Area – Aggregated Consumption (kwh) • Tenant Area – Aggregated Consumption (kWh) 	<ul style="list-style-type: none"> • 9/22/2020
<ul style="list-style-type: none"> • Has construction for the solar system at the project site started? • Construction Start Date • Has the project received permission to operate? • Permission to Operate (PTO) Date • Waitlist Date • Suspended - Pending Energy Division Review (Waitlist) Date • Pending QA - Upfront Technical Assistance Request Date • Pending QA - Reservation Request Date • Pending Data Request Date • Pending IOU Data Date • Processing IOU Data Date • Suspended - Pending Energy Division Review Date • Pending QA - Energy Efficiency Compliance Milestone Date • Pending QA - Proof of Project Milestone Date • Pending QA - Incentive Claim Date 	<ul style="list-style-type: none"> • N/A 	<ul style="list-style-type: none"> • 4/7/2020
<ul style="list-style-type: none"> • RRF Projected Construction Start Date • EEC Projected Construction Start Date 	<ul style="list-style-type: none"> • N/A 	<ul style="list-style-type: none"> • 1/7/2020

<ul style="list-style-type: none"> PPM Projected Construction Start Date 		
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Disclaimer for Columns DJ-DQ:

PV Module Manufacturer through Inverter Quantity data only list system specifications and equipment information for the first array entered into PowerClerk. If you have any questions, please reach out to contact@calsomah.org.

Relation to NEM Interconnection Data

In addition to publishing the SOMAH Working Data Set, California DG Stats provides two comprehensive interconnection data sets for public use. The first data set, the “Interconnection Applications Data Set”, contains all interconnection *applications* whether they are in queue, complete or decommissioned. The second data set, the “Currently Interconnected Data Set”, only includes interconnected solar PV NEM *projects*. This second data set presents the current “state of the world” in terms of how many interconnected solar PV projects and how many MW are installed in a given city or ZIP code, etc. All completed SOMAH incentive applications have at least one corresponding NEM interconnection application in the “Interconnection Applications Data Set”.

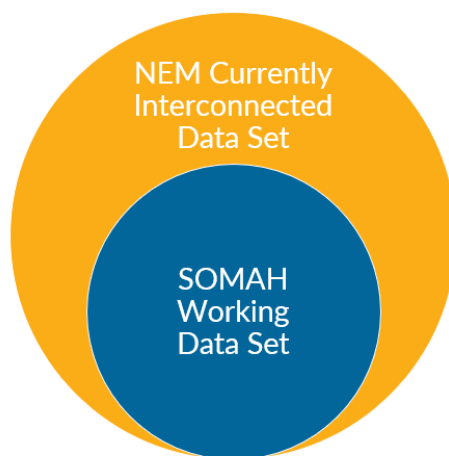


Figure 3 SOMAH Data in Relation to NEM Interconnection Data

Frequency of Data Publishing

The SOMAH Data Set is currently published weekly.

Technical Support

Please direct any technical questions to: dgstats@energy-solution.com.